

Title (en)

COMMUNUTION MACHINE HAVING STATIONARY ANVIL AND ROTATING HAMMER STRIKE IRON

Title (de)

ZERKLEINERUNGSMASCHINE MIT FESTSTEHENDEM AMBOSS UND ROTIERENDEN HAMMERSCHLAGEISEN

Title (fr)

BROYEUSE MUNIE D'UNE ENCLUME FIXE ET DE MARTEAUX ROTATIFS

Publication

**EP 3137217 B1 20210414 (DE)**

Application

**EP 15737962 A 20150423**

Priority

- DE 102014006354 A 20140430
- DE 102014016322 A 20141028
- DE 2015000198 W 20150423

Abstract (en)

[origin: CA2947336A1] The invention relates to a comminution machine having a stationary anvil and rotating hammer strike iron. In such machines, when hammer heads are worn out, the entire hammer strike iron must always be replaced, insofar as a uniform quality is to be achieved in the comminuted material. This is very cost-intensive. The invention thus proposes a novel hammer strike iron having an insert piece which has a cylindrical, eccentric bore or an eccentric oblong hole for receiving a swivel pin of the comminution machine. Said insert piece has cheeks of differing thickness on both ends, such that, by rotating the insert piece in the hammer strike iron by 180°, the distance between the hammer head and the anvil can be varied. If a hammer head has been inadmissibly worn, the insert piece can be removed, turned 180°, and and reinstalled. The gap between the anvil and the hammer head can thus be uniformly regulated.

IPC 8 full level

**B02C 13/28** (2006.01)

CPC (source: CN EP US)

**B02C 13/04** (2013.01 - CN US); **B02C 13/16** (2013.01 - US); **B02C 13/28** (2013.01 - CN EP US); **B02C 2013/2808** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102014006354 A1 20151105; DE 102014006354 B4 20161222**; CA 2947336 A1 20151105; CA 2947336 C 20220315; CN 106488805 A 20170308; CN 106488805 B 20181009; DK 3137217 T3 20210426; EP 3137217 A1 20170308; EP 3137217 B1 20210414; ES 2864724 T3 20211014; JP 2017514677 A 20170608; JP 6562949 B2 20190821; PL 3137217 T3 20210712; US 2017065982 A1 20170309

DOCDB simple family (application)

**DE 102014006354 A 20140430**; CA 2947336 A 20150423; CN 201580035765 A 20150423; DK 15737962 T 20150423; EP 15737962 A 20150423; ES 15737962 T 20150423; JP 2016565260 A 20150423; PL 15737962 T 20150423; US 201515308040 A 20150423